

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE X WATER SANDS LOCATION INSPECTED SUB REPORT abdDATE FILED 1-10-80

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-17245

INDIAN

DRILLING APPROVED:

4-30-80 4-29-80

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY API

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION

4615' KB

DATE ABANDONED:

LA 2-28-84 well never drilled 3-1-84FIELD: 3/8 GTR CISCO AREA

UNIT:

COUNTY:

GRAND

WELL NO

CISCO FEDERAL #8API# 43-019-30635

LOCATION

1529'FT. FROM (N) LINE1407'FT. FROM (E) LINESW NE 7

1/4 - 1/4 SEC

34

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

20S23E34CISCO DRILLING & DEVELP.

FILE NOTATIONS

Entered in NID File



Entered On S R Sheet

Location Map Placed

Card Indexed



IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Data Well Completed

Location Inspected

OW

WW

TA

Band released

GW

OS

PA

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E

I

E-I

GR

GRN

Micro

Lat

M.L.

Sonic

Others

U/C
10-24-90

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-17245
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR Cisco Drilling & Development Co.		7. UNIT AGREEMENT NAME N/A
3. ADDRESS OF OPERATOR 419 Whalley Ave., New Haven, Connecticut 06511		8. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 34, T20S, R23E, S1M At proposed prod. zone 1406.8 ft. from E-line and 3750.6 ft. from S-line 1529 FNL		9. WELL NO. Cisco well #8
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 4 miles NW of Cisco, Utah		10. FIELD AND POOL OR WILDCAT Gtr Cisco Springs
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1110.6 ft.		11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA T20S, R23E, S1M, Sec. 34
16. NO. OF ACRES IN LEASE 1120.00		12. COUNTY OR PARISH Grand
17. NO. OF ACRES ASSIGNED TO THIS WELL 160 acres		13. STATE Utah
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3,254.1 ft.		19. PROPOSED DEPTH 2,500 Ft. <i>Entrada</i>
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 10-23-79
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 4,605 ft; KB 4,615 ft.		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 3/4"	7"	20.0 lbs.	150 ft.	75 sks cement thru production zone and cemented 200 ft. above the Dakota formation
6 1/2"	4 1/2"	10.5 lbs.		

It is planned to drill a well at the above location to test the gas production possibilities of the sands in the Dakota, Cedar Mountain, and Morrison formations. The well will be drilled to a point which is near the top of the Entrada formation or to commercial production. Rotary tools with air for circulation will be used to drill the well. The surface casing will be set at about 150 ft., and cemented with returns to the surface. A blowout preventer with hydraulically operated blind and pipe rams will be installed on top of the surface casing; and a rotating head will be used on top of the blowout preventer. 2-inch Fill and Kill lines will be connected below the blind rams. Any gas encountered will be flared at the end of the blowout line, and roughly checked for volume thru a 2-inch line after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <u>Robert L. Kigan</u>		TITLE <u>Geologist</u>		DATE <u>10-23-79</u>
(This space for Federal or State office use)				
PERMIT NO. <u>43-019-30635</u>		APPROVAL DATE <u>JAN 10 1980 4/30/80</u>		
APPROVED BY <u>M. G. Minner</u>		TITLE <u>DIVISION OF OIL, GAS & MINING</u>		DATE
CONDITIONS OF APPROVAL, IF ANY:				

APPROVED BY THE DIVISION
OF OIL, GAS, AND MININGDATE: 4-29-80BY: M. G. Minner

*See Instructions On Reverse Side

COPY

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH
TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH
SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-17245OPERATOR: Cisco Drilling & DevelopmentWELL NO. #8

LOCATION: 1/2 SW 1/4 NE 1/4 sec. 34, T. 20S, R. 23E, Sec
Grand County, Utah

1. Stratigraphy: Mancos sh. - surface
Dakota ss - 1580'
Cedar msn - 1660
Morrison - 1760
Entrada - 2310

2. Fresh Water: none probable

3. Leasable Minerals:

gas possible from ~1600 to TD

4. Additional Logs Needed: adequate

5. Potential Geologic Hazards: none expected

6. References and Remarks:

Signature: Date: 12-6-79

Oil and Gas Drilling

EA No. 082-80

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

USUAL ENVIRONMENTAL ASSESSMENT

Date January 5, 1980

Operator Cisco Drilling & Development Co. Well No. Cisco Well #8
Location 1406.8' FEL 3750.6' FSL Section 34 Township 20S Range 23E
County Grand State Utah Field/Unit Cisco Springs
Status: Surface Ownership Public Minerals Federal
Lease No. U-17245-D Permit No. _____

Joint Field Inspection Date: December 5, 1979

Field Inspection Participants, Titles, and Organizations:

<u>Ted Rhoads</u>	<u>Operator's Representative</u>
<u>John Mudon</u>	<u>Operator's Representative</u>
<u>Bob Kershaw</u>	<u>Bureau of Land Management</u>
<u>Glenn Doyle</u>	<u>U. S. Geological Survey</u>
_____	_____
_____	_____
_____	_____

Related Environmental Documents:

1. Book Mountain Planning Unit Resource Analysis, Bureau of Land Management, Utah

Prepared by: Glenn M. Doyle
Environmental Scientist
Grand Junction, Colorado

Changed { Pad ^{250'} 40' X 250'
Pit 12' X 25' 25' X 100'
5/16" x 1/8" wide upgrade access
Flow line not incl.
Stock pile top soil (8")
2 ac
mitigations
3) 9-6
Noted - G. Diwachak

Proposed Action:

On November 5, 1979, Cisco Drilling and Development Co. filed an Application for Permit to Drill the Cisco #8 development well, a 2500' gas test of the Salt Wash Member of the Morrison Formation, located at an elevation of 4605' in the SW/4, NE/4 of Section 34, T20S, R23E on federal mineral lands and public surface, lease No. U-17245. There was no objection raised to the wellsite, nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City, Utah.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 180' wide x 250' long and a reserve pit 12' x 30'. An existing poor condition road would be upgraded to 16' wide x 0.5 mile long from an existing improved oilfield road.

The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is January 1980 and duration of drilling activities would be about seven days.

The USGS and BLM suggested enlarging the reserve pit based on recent experiences by some operators in the Cisco Springs area who have encountered as much as 50 barrels of water/day when drilling in proximity to faults. The subsurface structural aspects of the site are unknown to the operator's representative, including the location of any faults. In order to insure that the reserve pit has the capacity to handle fluids in significant volumes, its dimensions were expanded to 25' wide x 100' long. The operator's representative agreed. Additionally, the operator's representative requested enlarging the pad dimensions to 250' x 250'. BLM and USGS agreed.

Location and Natural Setting:

The proposed drillsite is approximately four miles NW of Cisco, Utah, the nearest town. A fair road runs to within .5 mile of the location. This well is in the Cisco Springs field.

Topography:

The wellsite lies on a small hill surrounded by gently rolling terrain.

Geology:

The surface geology is Mancos shale. The soil is a sandy clay. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Eight inches of topsoil would be removed from the surface and stockpiled on the NE corner of the pad. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately two acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated. However, if H_2S or any other toxic substances are encountered, the USGS is to be notified immediately.

Precipitation:

Annual rainfall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rainstorms. This type of storm is rather uncommon as the annual precipitation is around 8".

Winds are medium and gusty, occurring predominantly from southwest to northeast. Air mass inversions are rare. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Several small, intermittent drainages are interspersed across the wellsite. Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Four-wing saltbrush, sagebrush, rabbitbush, and desert grasses predominate the area.

Proposed action would remove about two acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations. Rehabilitation would be in accordance with BLM recommendations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the

lifetime of the project. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey

has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.

2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

3) Drilling should be permitted, provided the operator incorporates the following mitigative measures into the APD and adheres to them:

- a) Operator will fence reserve pit on three sides prior to drilling, and on four sides once the rig moves off.
- b) Operator will stockpile 8" of topsoil on the northeast corner of the pad.
- c) Operator will maintain the blooie line at least 125' away from the wellhead and direct it into the reserve pit.
- d) Operator will enlarge the reserve pit to 25' wide x 100' long to contain any fluids.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately two acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made.

Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution would exist through leaks and spills.

If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

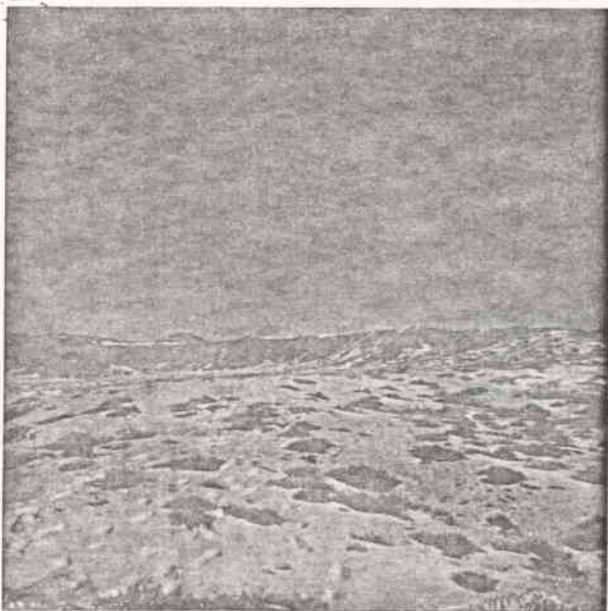
I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Sec. 102(2)(C).

Date

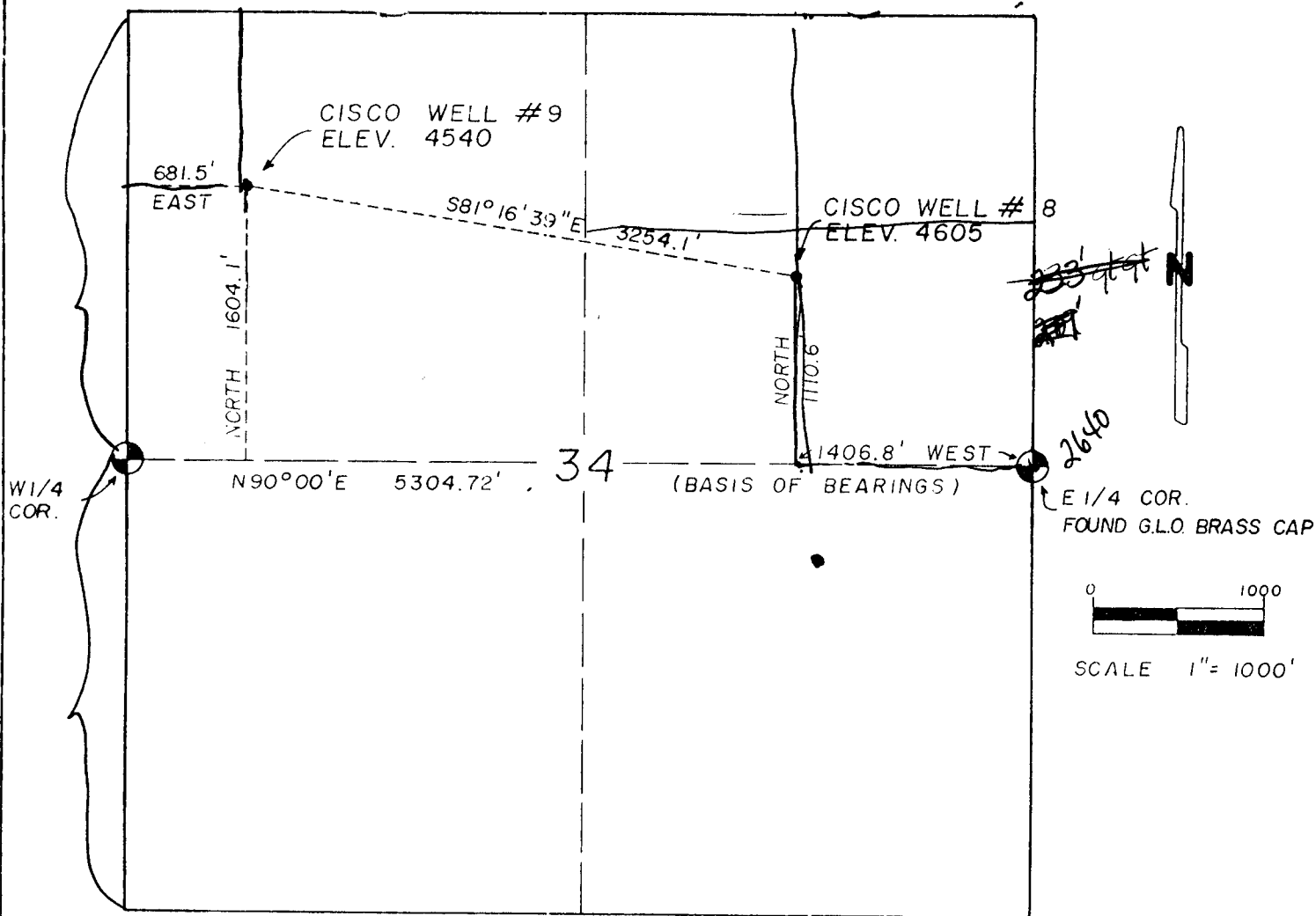
1/17/80

E. L. Long

District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



Cisco Drilling #8 Sec. 34,
T20S, R23E
Grand Co., Utah



ELEVATIONS ARE FROM U.S.
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY TOPOGRAPHIC
MAP.

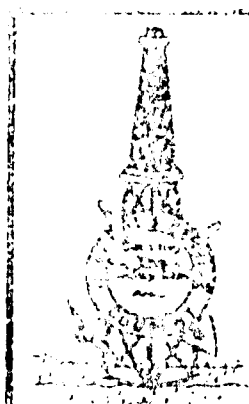
CERTIFICATE OF SURVEY

I, MERRITT P. DISMANT, BEING A REGISTERED LAND SURVEYOR
DO HEREBY CERTIFY THAT THE SURVEY OF DRILL SITE LOCATION
CISCO WELL #8 IN THE SW 1/4 NE 1/4 SECTION 34, AND CISCO
WELL #9 IN THE NW 1/4 NW 1/4 SECTION 34, BOTH IN T.20S.,
R.23E. IN THE SALT LAKE MERIDIAN, GRAND COUNTY, UTAH,
AND THE PLAT THEREOF WAS MADE UNDER MY SUPERVISION.

Merritt P. Dismant

MERRITT P. DISMANT

EXHIBIT "A"



PLAT OF THE
CISCO WELL #8 & CISCO WELL #9
GRAND COUNTY, UTAH

MINERALS SERVICE COMPANY
GRAND JUNCTION, COLORADO
I.T.S., Inc. 1" = 1000' KLF
I.T.S., Inc. 9/27/79



United States Department of the Interior

IN REPLY REFER TO
3100
(U-603)

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P.O. Box M
Moab, Utah 84532

October 16, 1979

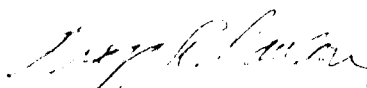
Mr. Robert P. Kirgan, Geologist
Minerals Service Company
P.O. Box 3523
2503 Foresight Circle
Grand Jct., CO 81501

Reference: Staking Request
Cisco Well #8, Lease U-17245
NE $\frac{1}{4}$, Section 34
T. 20 S., R. 23 E., SLB&M
Grand County, Utah

Dear Mr. Kirgan:

This office has no objections to staking the above referenced locations. An archaeological clearance will not be required for this location. If you anticipate major upgrading of existing access roads or construction of new access off the lease, a road right-of-way must be filed.

Sincerely yours,

 Acting
C. Delano Backus
Area Manager

cc:
Ed Guynn



Save Energy and You Serve America!

Operation Plan for
Cisco Drilling & Development Co.
Cisco Well #8

LOCATION: SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 34, Township 20 South, Range 23 East, S.L.M.,
Grand County, Utah.
(1406.8 ft. from E-line and 3750.6 ft. from S-line)

ELEVATION: 4,605 ft. (GR); 4,615 ft. (KB)

EXPECTED FORMATION TOPS:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum (KB)</u>
Mancos Shale	Surface	1,650 ft.	4,615 ft.
Dakota Sandstone	1,650 ft.	80 ft.	2,965 ft.
Cedar Mountain	1,730 ft.	100 ft.	2,885 ft.
Morrison			
Brushy Basin Shale Member	1,830 ft.	225 ft.	2,785 ft.
Salt Wash Sandstone Member	2,055 ft.	250 ft.	2,560 ft.
Summerville/Curtis	2,305 ft.	75 ft.	2,310 ft.
Entrada Sandstone	2,330 ft.	-----	2,235 ft.

Total depth to top of Entrada: 2,225 ft.

SURFACE CASING: 150 ft. of 7-inch, 20 lbs/ft, K-55, R-3 new casing set and cemented with 75 sks cement with 3% CaCl₂; with returns to the surface. The surface hole, 9 3/4 inch will be drilled to 150 ft. (KB) and will be no more than 1° deviation.

- A. It is planned to drill a 9 3/4-inch surface hole for the new surface casing down to a depth of about 150 ft. and set 7-inch new casing with approximately 75 sks of cement with returns to the surface. A casing head or flange will be mounted on top of the surface casing and a blowout preventer with blind and pipe rams (hydraulic) will be mounted on the casing head, (see plat for diagram & pressure). A rotating head will be mounted on top of the blowout preventer. A blewie line, at least 125 ft. long, will be attached to the rotating head and extended into the reservoir pit.
- B. A 6 1/2-inch hole will be drilled below the surface casing, using air for circulation. A flare will be maintained at the end of the blewie line while drilling below 1,200 ft. This will insure that no gas will be missed. The air drilling will minimize the damage to the prospective hydrocarbon reservoir. The drill rig will be equipped with a Kelly cock and a safety sub on the derrick floor.
- C. Samples of the cuttings will begin at 1,200 ft. 30-ft. samples will be taken from 1,200 ft. to 1,600 ft., and then 10-ft. samples will be taken from 1,600 ft. to total depth.
- D. It is planned to drill the well to a depth which is approximately 50 ft. below the top of the Entrada formation, unless good commercial flow of gas is obtained above this depth. It is anticipated the Dakota formation may produce

water. If the water produced is significant, it will be necessary to convert from air to drilling fluid. About 800 sx of Barite will be maintained on the drill-site. The reservoir pit is considered sufficient to accommodate even a large volume of water produced.

- E. If a high gas flow (several million cubic feet) and/or when the total depth of the well is reached, electric logs will be run. Prior to running logs, high viscosity mud (not less than 100 vis.) will be pumped into the hole to provide control of the gas and to provide a conductive medium for the logs. The drilling fluid will be used as a control in the event of high pressure gas and the various safety devices -- the blind rams, Kelly cock and safety valve -- will serve further to control any hazardous flow pressure or high temperature by permitting a shut-in of the well. A dual-induction-laterolog will be run from bottom to the top of the hole, and a gamma-density and compensated neutron porosity log will be run from the bottom to a point which is 150 ft. above the top of the Dakota formation.
- F. If good production (over 750 MCF/day) is obtained, 4 1/2-inch diameter, 10.5 lb/ft, K-55, R-3 new casing will be run and cemented conventionally with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will then be perforated, 2 3/8-inch outside diameter tubing run, and completed conventionally.

It is anticipated that the drilling of the well will require less than one week.

John M. Mudon
Field Representative
Minerals Service Company
Grand Junction, CO

Surface Use Plan

Cisco Drilling & Development Co.

Cisco Well #8

1. EXISTING ROADS - Area Map Exhibit "B" is a reproduction of portions of Danish Flat, Cisco Springs, Cisco Utah Quadrangles.
 - A. Exhibit "A" shows the proposed well site as staked.
 - B. From Cisco, Utah, go north on access road (see map) approximately 3.9 miles northwesterly, then west on existing road to gate, then follow a poor road along fence line.
 - C. All of the access road is now on existing roads with the exception of the 0.5 miles from existing road to site, which is a poor condition 4-wheel drive trail.
 - D. This is an exploratory well.
All existing public and ranch roads within a three mile radius are shown on Exhibit "B", and consist of a sandy-dirt surface in good condition.
 - E. The existing roads will require grading, with no additional road material necessary. With production, we anticipate having to grade the roads into the well location but should not have any problems with the existing main approach roads through the Cisco Mesa Area.
2. PLANNED ACCESS ROADS
 - (1) The width of the roads will not exceed 16 feet;
 - (2) The maximum anticipated grade from the preliminary survey will not exceed 2%.
 - (3) No turnouts will be necessary on the access road.
 - (4) Ditches will be constructed where necessary with water turnouts to keep water off the road.
 - (5) No culverts or major cuts or fills will be necessary on the access road.
 - (6) The sage brush and shad scale along the roadway will be pushed aside, and a very shallow cut with a blade will be made.
 - (7) No gates, cattle guards, or fence cuts will be necessary.
 - (8) All new roads or reconstructed roads will be graded to include any low-water crossings desirable and have been center-line flagged.
3. LOCATION OF EXISTING WELLS WITHIN TWO MILE RADIUS
 - (1) Water wells - None
 - (2) Abandoned wells - None

- (3) Temporarily abandoned wells - See Exhibit "B"
- (4) Disposal wells - None
- (5) Drilling wells - None
- (6) Producing wells - Cisco well #'s 1 & 3. See Exhibit "B"
- (7) Shut in wells - See Exhibit "B"
- (8) Injection wells - None
- (9) Monitoring or observation wells - None

4. LOCATION OF EXISTING OR PROPOSED FACILITIES

A plan for the anticipated production equipment, if the well is successful, is submitted on Plat No. 2. When production ceases, this equipment will be removed and the land surface graded, leveled, and reseeded. Presently, there are no tank batteries, production facilities, oil, gas, injection or disposal lines within a one mile radius that the Lessee/Operator owns or controls.

5. LOCATION AND TYPE OF WATER SUPPLY

Since the proposed well is to be drilled with air for circulation, very little water will be required. The water needed will be hauled by truck to the location by Dalgarno Transportation, located in Grand Junction, Colorado and they will get their water at Cisco Springs or from the Colorado River. No water well will be drilled on this lease.

6. SOURCE OF CONSTRUCTION MATERIAL

No additional road material, gravel, sand, or culverts will be required. All existing, new and reconstructed roads are outlined on the enclosed map. The majority of travel on these roads will be during winter months while frost is in the ground. Upon production, only existing materials on the site will be used for permanent road.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reservoir and burn pit will be constructed at the well site as shown on Plat No. 3. All excess water, mud, and drill cuttings will be deposited into the reservoir pit. Burnable material and garbage will be put into the trash pit, which will be fenced to prevent the spreading of debris by the wind. A toilet will be furnished for the human waste. The approximate dimensions of the reservoir pit are shown on Plat No. 3. When the pits are dry and the weather permitting, all pits will be folded in and covered after cessation of drilling operations. Any oil left on the surface of the reservoir pit will be burned off prior to covering the reservoir pit. The reservoir pit will also be fenced on three sides during drilling and will be fenced on the fourth side and overhead flagging installed after drilling is completed and prior to filling.

8. ANCILLARY FACILITIES

No camp facilities other than two or three house trailers at the well site will be needed. No airstrips will be required.

9. WELL SITE LAYOUT

A plan for the drilling equipment layout required for the drilling of the proposed well is shown on Plat No. 3. The approximate dimensions of the site, direction of drill rig setting, reservoir pit location with dimensions, and equipment arrangements are shown on this plat. The drilling site is located near the south end of the Cisco Mesa on an area 275'x250' and slopes from the east side to the west side. The top soil (approx. 8") will be stockpiled in the northeast corner of this drill site. A cross section of this area is provided in the lower left hand side of Plat No. 3. The maximum cut will be 8'-10' on the east side and will be moved to the west side of this area. The surface in this area is a sandy shale with very little vegetation. The reservoir pit will be placed on the east side of the site in a low drainage area and will be unlined.

10. PLANS FOR RESTORATION OF SURFACE

After drilling operations have been concluded, and the equipment removed, the well site will be cleaned, rat hole and mouse hole filled in; the cellar filled in around well marker or well head; the location and roads leveled and restored to the normal topography; the top soil spread back over the location and reseeded if the well is unsuccessful. If the well is completed for production, the location will be cleaned and leveled for the production equipment; oil on pits will be burned off; the pits will be folded in and leveled. This work will be conducted as soon as feasible, hopefully, within 60 days after the drilling equipment has been removed. When drilling is completed, if there is moisture in the ground, we will reseed by broadcasting. If, during Spring/Summer, the reseeded proves ineffective, we will reseed during the more favorable October-mid-December period by drill.

11. OTHER INFORMATION

Topography of the land is a desert highland consisting of erosional hills, mesas and plateaus. Upper Sonoran Zone greasewood, saltbrush, sagebrush, rabbitbrush grow in a sandy loam saline soil, which supports various insect, rodent and reptile populations.

There are no known archaeological, historical or cultural sites in the area.

There are no occupied dwellings in the area.

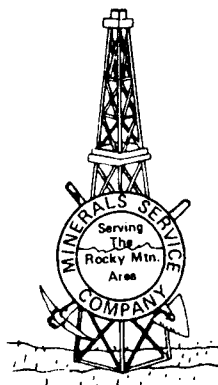
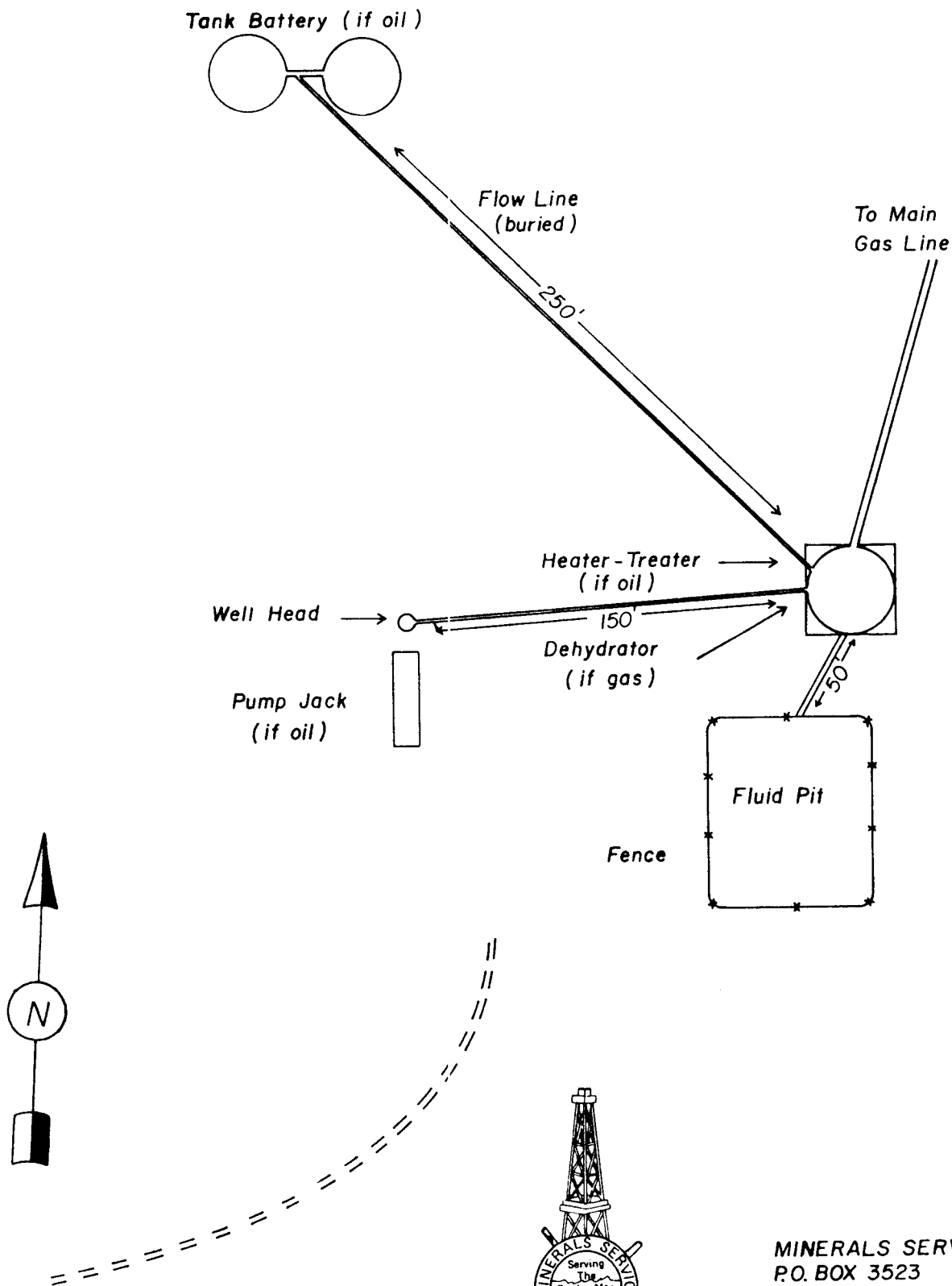
The surface and mineral ownership are both held by the U.S.A.

12. OPERATOR'S REPRESENTATIVE

Field Representative who can be contacted concerning compliance of this surface use plan is:

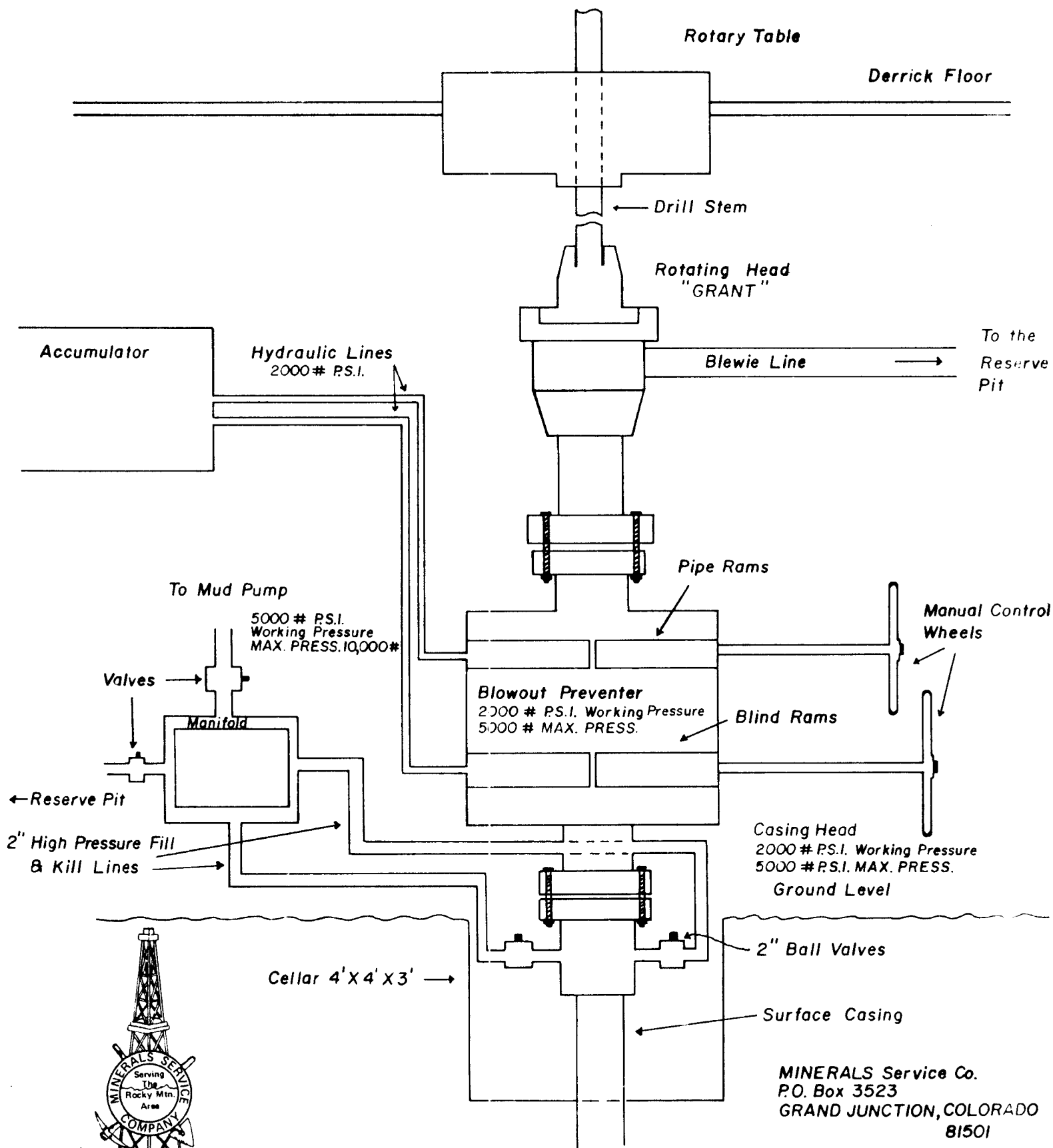
John M. Mudon
P. O. Box 3523
Grand Junction, CO 81502
(303) 245-2335

PLAN FOR PRODUCTION EQUIPMENT
 CISCO DRILLING & DEVELOPMENT CO.
 CISCO WELL # 8
 N. 1/2 SEC. 34 - 20S. 23E.

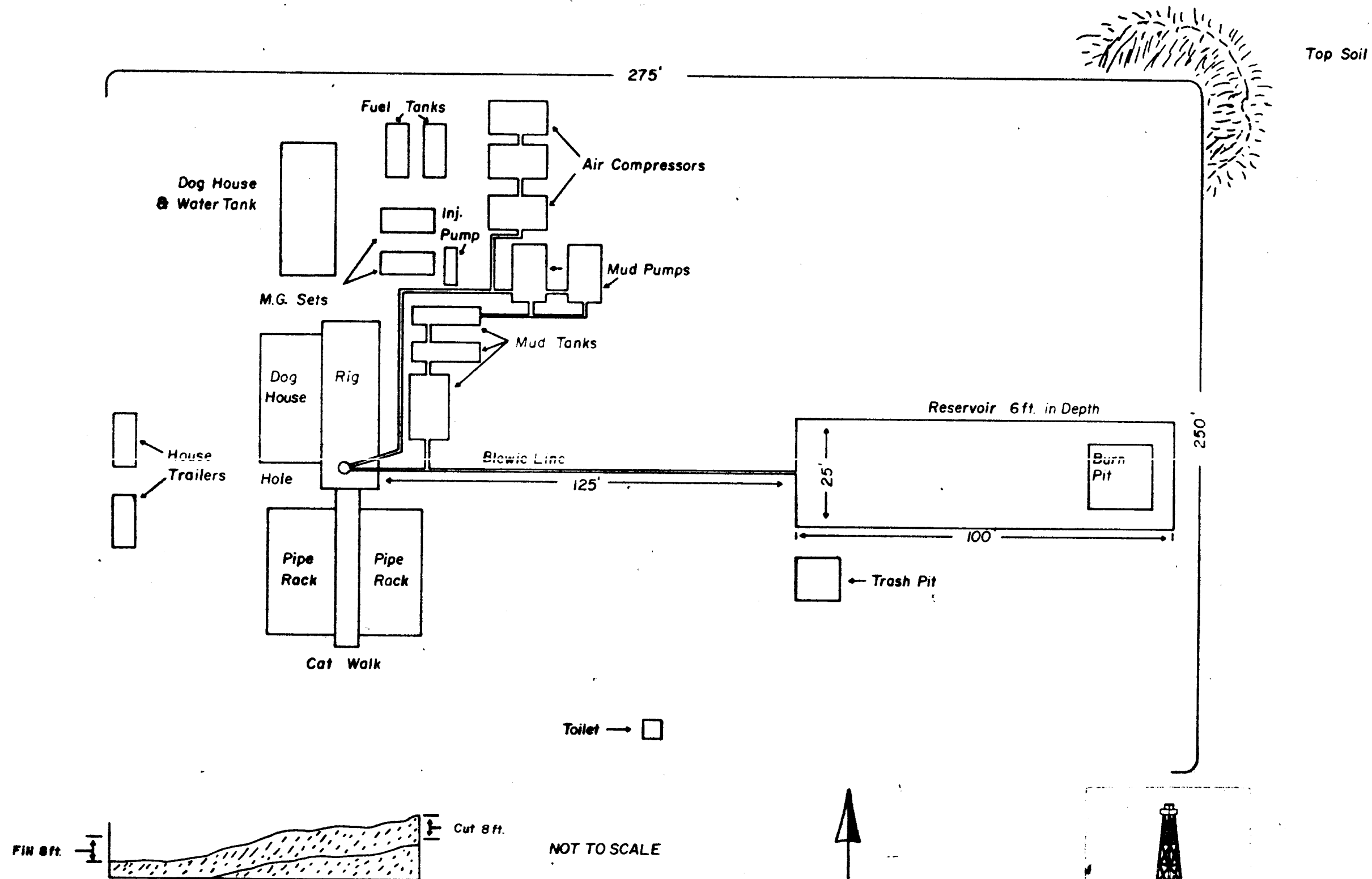


MINERALS SERVICE CO.
 P.O. BOX 3523
 GRAND JUNCTION, COLORADO
 81501

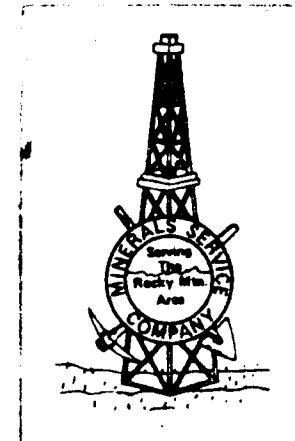
SCHEMATIC DIAGRAM OF
CONTROL EQUIPMENT FOR 1
CISCO DRILLING & DEVELOPMENT CO.
CISCO WELL # 8
N.1/2 SEC.34-20S.-23E.



LOCATION PLAN FOR
CISCO DRILLING & DEVELOPMENT CO.
CISCO WELL # 8
N.1/2 SEC. 34 - 20S.-23E.

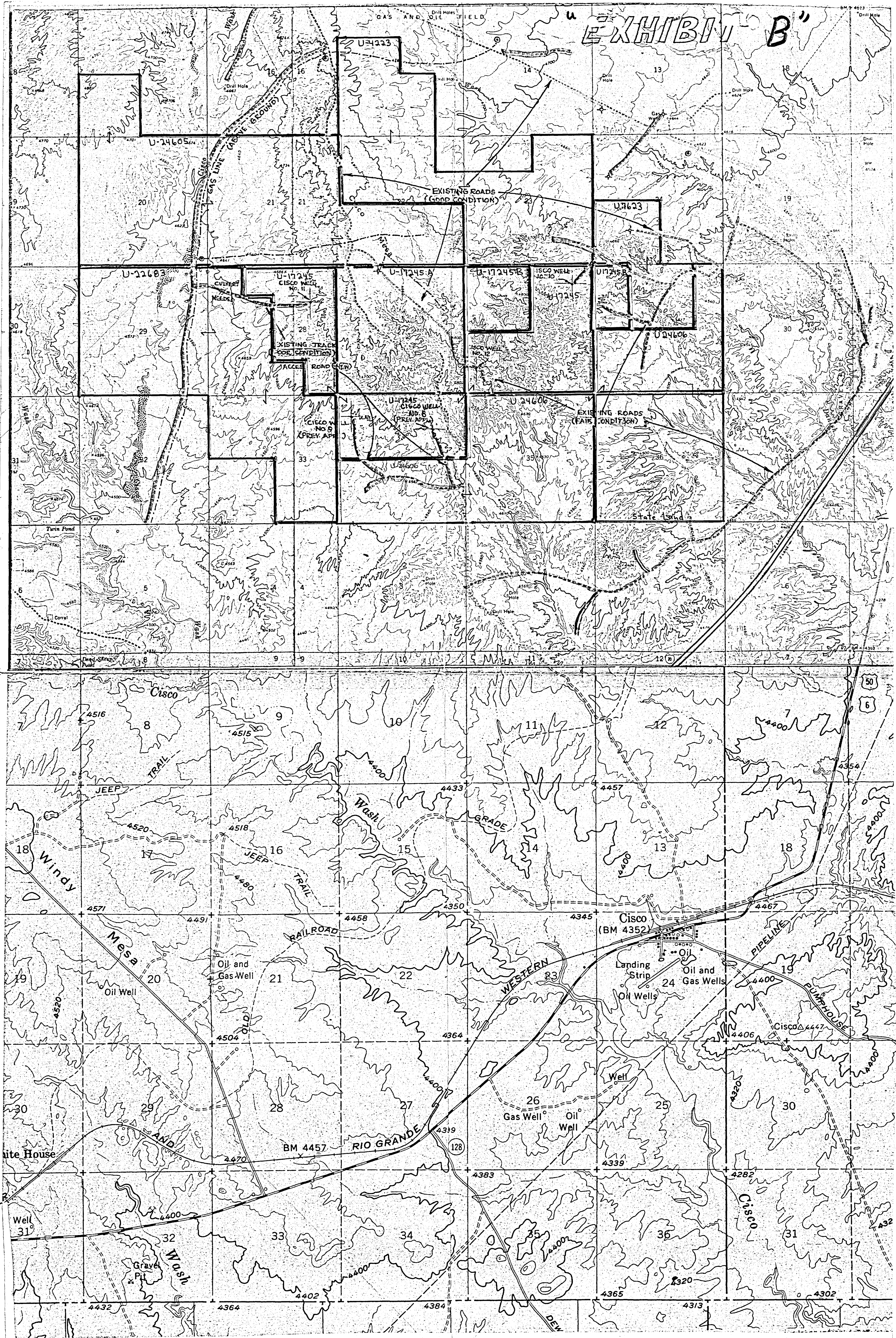


NOT TO SCALE



MINERALS SERVICE COMPANY
P.O. BOX 3523
GRAND JUNCTION, COLORADO
81501

PLAT No. 2



** FILE NOTATIONS **

DATE: January 10, 1980

Operator: Cisco Drilling + Development

Well No: Cisco Federal #8

Location: Sec. 34 T. 20S R. 23E County: Grand

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

☒ API Number 43-019-30635

CHECKED BY:

Geological Engineer: M. J. Windsor 4-29-80

Location on 1/4 Sec. NE 1/4 - Will resolve prob. or withdraw permit by March 31, 1980 per phone conv. 2/25/80

Petroleum Engineer: _____

Director: _____

holding for Bd hearing on 4/23/80

APPROVAL LETTER:

Bond Required: ☐
102-24 4/23/80

Survey Plat Required: ☐

Order No. 102-163 11/15/79

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation ☒ Fed

Plotted on Map ☒

Approval Letter Written ☒

Wtm

#3

HL
PI

51 Quail Court
Walnut Creek
California, 94596
Feb. 29, 1980

Mr Robert Kirgan
P.O. Box 3523
Grand Junction
Colorado, 81502

Dear Mr. Kirgan;

Regarding the location of oil well drilling site on Section 34 Grand County, Cisco area, Utah.

This particular area is very broken up and also there is heavy water concentration at depth. Faulting is also prevalent and this compounds the problem. This particular spot was chosen because it appears that the true concentration of oil or gas was in this particular small area. Also the formation at depth was more compatible to production than any other place.

Although it is impossible to predict if the well be a producer, it is possible to ascertain the presence of gas or oil. All results here are predicated on the presence of oil or gas at this location.

This particular field is very contrary. A few feet one way or another could result in a dry hole which has been proven. This particular location was decided on as having the best chance of becoming a producer.

The Instrument used is similar to ones used in general practice but with this unique feature. It is not only possible to determine the element but also its exact depth. It has been used to locate oil, gas, coal, water, and minerals associated with mining.

From past experience and knowledge of this area I believe that in this particular instance that the location made is the best place to drill.

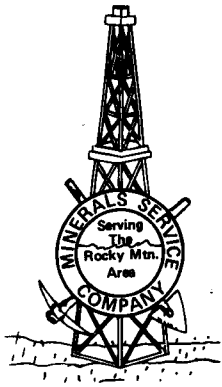
Yours very truly

T. W. Johnson.
T. W. Johnson.

RECEIVED

MAR 6 1980

DIVISION OF
OIL, GAS & MINING



MINERALS SERVICE COMPANY

P.O. Box 3523, 2503 Foresight Circle, Grand Junction, Colorado 81502
Telephone 303/245-2335

March 4, 1980

Mike Minder
State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: MSC-79-124-L
Cisco Well #8
T.20 S, R.23 E., S1M
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34
Grand County, Utah

Dear Mr. Minder:

As per our telephone conversation 2/25/80, enclosed is a copy of a letter sent to me by Tom Johnson, explaining why he feels that the present location for Cisco Well #8 is in the best possible location for an oil and gas discovery. Cisco Drilling and Development, Inc. utilizes Mr. Johnson in a consulting capacity and he has proven to be a major factor in successful wells previously drilled. We will appreciate your consideration of these facts when establishing the acceptability of this location. If you have any further questions about this matter, please feel free to call our office.

Sincerely,

Robert P. Kirgan

Robert P. Kirgan
Geologist

RPK/lr

cc: File

RECEIVED

MAR 6 1980

DIVISION OF
OIL, GAS & MINING

April 29, 1980

Cisco Drilling and Development
Minerals Service Company
P.O. Box 3523
Grand Junction, Colorado 81502

Re: Cisco Federal #8
Sec. 34, T. 20S, R. 23E.,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 102-24 dated April 23, 1980.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30635.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/b:dm

cc: USGS

Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

December 30, 1980

Cisco Drilling and Development, Inc.
P. O. Box 6059
Hamden, Connecticut 06517

Re: Lease U-17245C
Well No. 12, Sec. 26, T.20S, R.23E
Well No. 14, Sec. 26, T.20S, R.23E
Well No. 10, Sec. 26, T.20S, R.23E

Lease U-17245D
~~Well No. 8, Sec. 34, T.20S, R.23E~~
Well No. 9, Sec. 34, T.20S, R.23E

Gentlemen:

The referenced leases were terminated on July 1, 1980 because of non-payment of lease rentals.

The first two wells in lease U-17245C, Wells No. 12 and 14 were approved on January 29, 1980 and June 30, 1980 respectively. The approval for permit to drill these two wells is rescinded because of the lease termination.

Well No. 10, Section 26, T.20S, R.23E, was spudded on April 27, 1980. This office is requesting a status report on this well and a plugging program on Form 9-331 as a "Notice of Intention to Abandon".

The referenced wells belonging to lease U-17245D, Wells No. 8 and 9, were approved on April 29, 1980 and on February 22, 1980 respectively. The approval for permit to drill these two wells is rescinded because of the lease termination.

If you have any questions on the above matter, feel free to call this office.

Sincerely,

(ORIG. SGD.) E. W. GUYNN

E. W. Guynn
District Oil and Gas Supervisor

bcc: Lease Files/
Well Files/
APD Control

USGS-JERNAL
AMR/kr BLM - MORB

BLM - UTAH STATE OFF.

UTAH O.G. & M.
DCM, O.G. CR, Denver

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

CLEON B. FEIGHT
Director

DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(301) 533-5771

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

April 14, 1981

*Cisco Drilling and Development
~~Minerals Service Company~~
~~P.O. Box 5525~~
~~Grand Junction, Colorado 81502~~*

*P.O. Box 6059
Hamden, Connecticut
06519*

Re: SEE ATTACHED SHEET ON WELLS DUE

Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling these locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

SANDY BATES
CLERK-TYPIST

ATTACHED SHEET ON WELLS DUE

1. Well No. Cisco Federal #8
Sec. 34, T. 20S. R. 23E.
Grand County, Utah
2. Well No. Cisco Springs #16
Sec. 26, T. 20S. R. 23E.
Grand County, Utah
3. Well No. Cisco Springs #17
Sec. 25, T. 20S. R. 23E.
Grand County, Utah
4. Well No. Cisco Springs #18
Sec. 25, T. 20S. R. 23E.
Grand County, Utah

April 30, 1981

Cisco Drilling and Development
P.O. Box 6059
Hamden, Connecticut 06517

SEE ATTACHED SHEET ON WELLS DUE

Gentlemen:

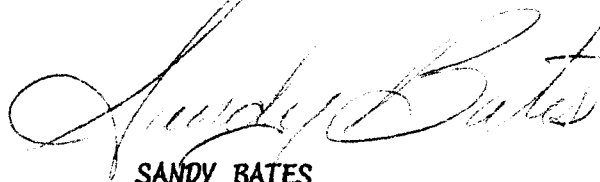
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Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

A handwritten signature in cursive script, reading "Sandy Bates".

SANDY BATES
CLERK-TYPIST

1. Well No. Cisco Federal #8
Sec. 34, T. 20S. R. 23E.
Grand County, Utah
2. Well No. Cisco Springs #16
Sec. 26, T. 20S. R. 23E.
Grand County, Utah
3. Well No. Cisco Springs #17
Sec. 25, T. 20S. R. 23E.
Grand County, Utah
4. Well No. Cisco Springs #18
Sec. 25, T. 20S. R. 23E.
Grand County, Utah



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE MCINTYRE

April 30, 1981

Cisco Drilling and Development
P.O. Box 6059
Hamden, Connecticut 06517

SEE ATTACHED SHEET ON WELLS DUE

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling these locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates
SANDY BATES
CLERK-TYPIST

RECEIVED

MAY 14 1981

DIVISION OF
OIL, GAS & MINING

GARBACIK, GIAMMATTEO & DENORFIA
ATTORNEYS AT LAW

ROMAN F. GARBACIK
MICHAEL J. GIAMMATTEO
ANTHONY A. DENORFIA

P. O. BOX 597
27 MERIDEN AVENUE
SOUTHINGTON, CONN. 06489
(203) 628-0934
(203) 628-2671

May 11, 1981

Sandy Bates
State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Attached Letter

Dear Ms. Bates:

This is to advise that this office represents **Cisco Drilling and Development**, Inc. and they would anticipate drilling on the attached locations at a later date.

Presently they are drilling another location and hope to get back to the area attached later this year.

Sincerely,

GARBACIK, GIAMMATTEO and
DENORFIA


Roman F. Garbacik

RFG/c
Encl.

RECEIVED
MAY 14 1981

DIVISION OF
OIL, GAS & MINING

1. Well No. Cisco Federal #8
Sec. 34, T. 20S. R. 23E.
Grand County, Utah
2. Well No. Cisco Springs #16
Sec. 26, T. 20S. R. 23E.
Grand County, Utah
3. Well No. Cisco Springs #17
Sec. 25, T. 20S. R. 23E.
Grand County, Utah
4. Well No. Cisco Springs #18
Sec. 25, T. 20S. R. 23E.
Grand County, Utah

RECEIVED
MAY 14 1961

DIVISION OF
OIL, GAS & MINING



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 22, 1981

Cisco Drilling and Development
P.O. Box 6059
Hamden, Connecticut 06517

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

Well No. Cisco Federal #8
Sec. 34, T. 20S, R. 23E
Grand County, Utah

Well No. Cisco Springs # 16
Sec. 26, T. 20S, R. 23E.
Grand County, Utah

Well No. Cisco Springs #17
Sec. 25, T. 20S, R. 23E
Grand County, Utah

Well No. Cisco Springs #18
Sec. 25, T. 20S, R. 23E
Grand County, Utah



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 8, 1982

Cisco Drilling & Development, Inc.
P. O. Box 6059
Hamden, Connecticut 06517

Re: Well No. Cisco Springs #16
Sec. 26, T. 20S, R. 23E.
Grand County, Utah
SECOND NOTICE

Well No. Cisco Federal #8
Sec. 34, T. 20S, R. 23E.
Grand County, Utah
SECOND NOTICE

*Send letter
to Garback, Giammatteo & Denorfia
to see if we can
get an answer*

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells, and action will be taken to terminate the application. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Herm Olsen

an equal opportunity employer • please recycle paper



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 10, 1982

Cisco Drilling & Development Company
c/o Garback, Giammatteo & Denorfia
P. O. Box 597
27 Meridan Avenue
Southington, Connecticut 06489

Re: Well No Cisco Springs #16
Sec. 26, T. 20S, R. 23E.
Grand County, Utah

Well No. Cisco Federal #8
Sec. 34, T. 20S, R. 23E.
Grand County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells, and action will be taken to terminate the applications. If you plan to drill these locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

CF/cf

4 *Cari*

OAK OIL AND GAS COMPANY, INC.

27 MERIDEN AVENUE
SOUTHINGTON, CONNECTICUT 06489

(203) 621-8525

December 1, 1982

State of Utah
Natural Resources & Energy
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

Gentlemen:

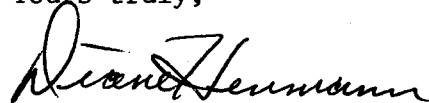
RE: See attached page for list of wells

This is to inform you that we do intend to work these wells at a later date.

At present we are in the process of re-entering Cisco #1 well and Cisco #3 well. We have recently encountered difficulties with Cisco Dome well #25 and have closed it down, causing us to delay any work on the wells that are listed.

If you have any further questions regarding these wells, please don't hesitate to call our office.

Yours truly,



Diane D. Hermann
OAK OIL AND GAS COMPANY, INC.

RECEIVED
DEC 06 1982
DIVISION OF
OIL, GAS & MINING

Well No. Cisco Federal #21
Sec. 6, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Springs #22
Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Federal #23
Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Federal #25
Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No Cisco Springs #16
Sec. 26, T. 20S, R. 23E.
Grand County, Utah

Well No. Cisco Federal #8
Sec. 34, T. 20S, R. 23E
Grand County, Utah



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 301-533-5771

September 20, 1983

Cisco Drilling and Development Corporation
Oak Oil and Gas Company, Inc.
27 Meriden Avenue
Southington, Connecticut 06489

RE: See wells on attached page

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

Well No. Cisco Federal # 21
1000' FSL, 788' FWL
SW SW, Sec. 6, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Springs # 22
1980' FNL, 3300' FWL
SW NE, Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Federal # 23
660' FNL, 3300' FWL
NW NE, Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Springs # 16
500' FNL, 500' FEL
NE NE, Sec. 26, T. 20S, R. 23E.
Grand County, Utah

Well No. Cisco Federal # 8
1529' FNL, 1407 FEL
SW NE, Sec. 34, T. 20S, R. 24E.
Grand County, Utah



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771
February 1, 1984

Cisco Drilling and Development Corporation
C/O P. L. Driscoll
1933 E Tartan Ave.
Salt Lake City UT 84108

RE: Well No. Cisco Fed. #8
API #43-019-30635
3750.6' FSL, 1406.8' FEL SW/NE
Sec. 34, T. 20S, R. 23E.
Grand County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

A handwritten signature in cursive script, appearing to read "Norman C. Stout".

Norman C. Stout
Administrative Assistant

NCS/cj

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 	
2. NAME OF OPERATOR Cisco Drilling and Development Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 	
3. ADDRESS OF OPERATOR 27 Meriden Ave. Southington, Conn. 06489		7. UNIT AGREEMENT NAME 	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW $\frac{1}{4}$ NE $\frac{1}{4}$ (3750.6' FSL & 1406.8 FEL)		8. FARM OR LEASE NAME Cisco Federal	
14. PERMIT NO. 43-019-30635		9. WELL NO. #8	
15. ELEVATIONS (Show whether OF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Cisco Springs	
		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 34 T20S R23E	
		12. COUNTY OR PARISH Grand	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input checked="" type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The Cisco Drilling and Development Co. does not intend to drill this well.

Please consider it as a location abandoned and cancel the drilling permit.

RECEIVED

FEB 22 1984

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Laurie H. Russell TITLE Consultant DATE 2/13/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____